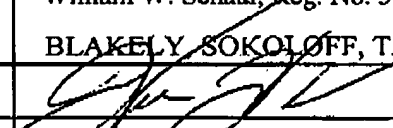





<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application No.	09/470,100	
	Filing Date	December 21, 1999	
	First Named Inventor	Yumiko Minakawa	
	Art Unit	2614	
	Examiner Name	James R. Sheleheda	
Total Number of Pages In This Submission	12	Attorney Docket Number	80398P274

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; height: 60px; width: 100%;"></div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	William W. Schaal, Reg. No. 39,018 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	June 16, 2005

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being transmitted via facsimile on the date shown below to the United States Patent and Trademark Office.			
Typed or printed name	Susan McFarlane		
Signature		Date	June 16, 2005

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/1) 06/04/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

<b>FEE TRANSMITTAL</b> <b>for FY 2005</b> <small>Patent fees are subject to annual revision</small>		Complete if Known	
		Application Number	09/470,100
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date	December 21, 1999
		First Named Inventor	Yumiko Minakawa
		Examiner Name	James R. Shelcheda
		Art Unit	2614
TOTAL AMOUNT OF PAYMENT		(\$)	0.00
		Attorney Docket No.	80398P274

## METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- ☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☒ Credit any overpayments

## FEE CALCULATION

## 1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
14	0	50.00	\$0.00
Independent Claims: 4	0	200.00	\$0.00
Multiple Dependents:			
Large Entity	Small Entity	Fee Description	
Fee Code (\$)	Fee Code (\$)		
1202 50	2202 25	Claims in excess of 20	
1201 200	2201 100	Independent claims in excess of 3	
1203 360	2203 180	Multiple Dependent claim, if not paid	
1204 300	2204 150	**Reissue independent claims over original patent	
1205 300	2205 150	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (1)		(\$)	0.00

\*\*or number previously paid, if greater. For Reissues, see below

## 2. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
2053 130	2053 130	Non-English specification	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1460 130	2460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(a)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
1809 700	1809 350	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 700	2810 350	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify)			
SUBTOTAL (2)		(\$)	

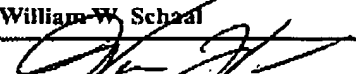
SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	William W. Schaal	Registration No. (Attorney/Agent)	39,018
Signature		Telephone	(714) 557-3800
		Date	06/16/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/r) 12/15/2004.  
 SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

<b>FEE TRANSMITTAL</b> <b>for FY 2005</b> <small>Patent fees are subject to annual revision.</small>		Complete if Known	
		Application Number	09/470,100
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date	December 21, 1999
		First Named Inventor	Yumiko Minakawa
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 0.00		Examiner Name	James R. Sheleheda
		Art Unit	2614
		Attorney Docket No.	80398P274

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zelman LLP	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. <input checked="" type="checkbox"/> Credit any overpayments	

<b>FEE CALCULATION</b>																																																																																				
<b>1. EXTRA CLAIM FEES</b>																																																																																				
Total Claims	14	21*	0	50.00	\$0.00																																																																															
Independent Claims	4	6*	0	200.00	\$0.00																																																																															
Multiple Dependent																																																																																				
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>Fee Code 1202 \$0</td> <td>Fee Code 2202 \$25</td> <td>Claims in excess of 20</td> </tr> <tr> <td>Fee Code 1301 \$200</td> <td>Fee Code 2201 \$100</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>Fee Code 1203 \$300</td> <td>Fee Code 2203 \$100</td> <td>Multiple Dependent claim, if not paid</td> </tr> <tr> <td>Fee Code 1204 \$300</td> <td>Fee Code 2204 \$150</td> <td>*Reissue independent claims over original patent</td> </tr> <tr> <td>Fee Code 1205 \$300</td> <td>Fee Code 2205 \$150</td> <td>**Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="2">SUBTOTAL (1)</td> <td>(3) 0.00</td> </tr> </tbody> </table>					Large Entity	Small Entity	Fee Description	Fee Code 1202 \$0	Fee Code 2202 \$25	Claims in excess of 20	Fee Code 1301 \$200	Fee Code 2201 \$100	Independent claims in excess of 3	Fee Code 1203 \$300	Fee Code 2203 \$100	Multiple Dependent claim, if not paid	Fee Code 1204 \$300	Fee Code 2204 \$150	*Reissue independent claims over original patent	Fee Code 1205 \$300	Fee Code 2205 \$150	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (1)		(3) 0.00																																																											
Large Entity	Small Entity	Fee Description																																																																																		
Fee Code 1202 \$0	Fee Code 2202 \$25	Claims in excess of 20																																																																																		
Fee Code 1301 \$200	Fee Code 2201 \$100	Independent claims in excess of 3																																																																																		
Fee Code 1203 \$300	Fee Code 2203 \$100	Multiple Dependent claim, if not paid																																																																																		
Fee Code 1204 \$300	Fee Code 2204 \$150	*Reissue independent claims over original patent																																																																																		
Fee Code 1205 \$300	Fee Code 2205 \$150	**Reissue claims in excess of 20 and over original patent																																																																																		
SUBTOTAL (1)		(3) 0.00																																																																																		
<small>*or number previously paid, if greater. For Reissues, see below</small>																																																																																				
<b>2. ADDITIONAL FEES</b>																																																																																				
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code 1051 \$130</td> <td>Fee Code 2051 \$65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>Fee Code 1052 \$50</td> <td>Fee Code 2052 \$25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>Fee Code 2053 \$130</td> <td>Fee Code 130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>Fee Code 1251 \$120</td> <td>Fee Code 2251 \$60</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>Fee Code 1252 \$450</td> <td>Fee Code 2252 \$225</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>Fee Code 1253 \$1,020</td> <td>Fee Code 2253 \$510</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>Fee Code 1254 \$1,590</td> <td>Fee Code 2254 \$795</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>Fee Code 1255 \$2,160</td> <td>Fee Code 2255 \$1,080</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>Fee Code 1401 \$500</td> <td>Fee Code 2401 \$250</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>Fee Code 1402 \$500</td> <td>Fee Code 2402 \$250</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>Fee Code 1403 \$1,000</td> <td>Fee Code 2403 \$500</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>Fee Code 1451 \$1,510</td> <td>Fee Code 2451 \$755</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>Fee Code 1460 \$130</td> <td>Fee Code 2460 \$65</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>Fee Code 1807 \$50</td> <td>Fee Code 1807 \$50</td> <td>Processing fee under 37 CFR 1.17(n)</td> <td></td> </tr> <tr> <td>Fee Code 1806 \$180</td> <td>Fee Code 1006 \$90</td> <td>Submission of Information Disclosure Sheet</td> <td></td> </tr> <tr> <td>Fee Code 1805 \$790</td> <td>Fee Code 1009 \$395</td> <td>Filing a submission after first rejection (37 CFR § 1.129(n))</td> <td></td> </tr> <tr> <td>Fee Code 1810 \$790</td> <td>Fee Code 2810 \$395</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td colspan="2">Other fee (specify)</td> <td></td> <td></td> </tr> <tr> <td colspan="2">SUBTOTAL (2)</td> <td>(4)</td> <td></td> </tr> </tbody> </table>					Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code 1051 \$130	Fee Code 2051 \$65	Surcharge - late filing fee or oath		Fee Code 1052 \$50	Fee Code 2052 \$25	Surcharge - late provisional filing fee or cover sheet		Fee Code 2053 \$130	Fee Code 130	Non-English specification		Fee Code 1251 \$120	Fee Code 2251 \$60	Extension for reply within first month		Fee Code 1252 \$450	Fee Code 2252 \$225	Extension for reply within second month		Fee Code 1253 \$1,020	Fee Code 2253 \$510	Extension for reply within third month		Fee Code 1254 \$1,590	Fee Code 2254 \$795	Extension for reply within fourth month		Fee Code 1255 \$2,160	Fee Code 2255 \$1,080	Extension for reply within fifth month		Fee Code 1401 \$500	Fee Code 2401 \$250	Notice of Appeal		Fee Code 1402 \$500	Fee Code 2402 \$250	Filing a brief in support of an appeal		Fee Code 1403 \$1,000	Fee Code 2403 \$500	Request for oral hearing		Fee Code 1451 \$1,510	Fee Code 2451 \$755	Petition to institute a public use proceeding		Fee Code 1460 \$130	Fee Code 2460 \$65	Petitions to the Commissioner		Fee Code 1807 \$50	Fee Code 1807 \$50	Processing fee under 37 CFR 1.17(n)		Fee Code 1806 \$180	Fee Code 1006 \$90	Submission of Information Disclosure Sheet		Fee Code 1805 \$790	Fee Code 1009 \$395	Filing a submission after first rejection (37 CFR § 1.129(n))		Fee Code 1810 \$790	Fee Code 2810 \$395	For each additional invention to be examined (37 CFR § 1.129(b))		Other fee (specify)				SUBTOTAL (2)		(4)	
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																	
Fee Code 1051 \$130	Fee Code 2051 \$65	Surcharge - late filing fee or oath																																																																																		
Fee Code 1052 \$50	Fee Code 2052 \$25	Surcharge - late provisional filing fee or cover sheet																																																																																		
Fee Code 2053 \$130	Fee Code 130	Non-English specification																																																																																		
Fee Code 1251 \$120	Fee Code 2251 \$60	Extension for reply within first month																																																																																		
Fee Code 1252 \$450	Fee Code 2252 \$225	Extension for reply within second month																																																																																		
Fee Code 1253 \$1,020	Fee Code 2253 \$510	Extension for reply within third month																																																																																		
Fee Code 1254 \$1,590	Fee Code 2254 \$795	Extension for reply within fourth month																																																																																		
Fee Code 1255 \$2,160	Fee Code 2255 \$1,080	Extension for reply within fifth month																																																																																		
Fee Code 1401 \$500	Fee Code 2401 \$250	Notice of Appeal																																																																																		
Fee Code 1402 \$500	Fee Code 2402 \$250	Filing a brief in support of an appeal																																																																																		
Fee Code 1403 \$1,000	Fee Code 2403 \$500	Request for oral hearing																																																																																		
Fee Code 1451 \$1,510	Fee Code 2451 \$755	Petition to institute a public use proceeding																																																																																		
Fee Code 1460 \$130	Fee Code 2460 \$65	Petitions to the Commissioner																																																																																		
Fee Code 1807 \$50	Fee Code 1807 \$50	Processing fee under 37 CFR 1.17(n)																																																																																		
Fee Code 1806 \$180	Fee Code 1006 \$90	Submission of Information Disclosure Sheet																																																																																		
Fee Code 1805 \$790	Fee Code 1009 \$395	Filing a submission after first rejection (37 CFR § 1.129(n))																																																																																		
Fee Code 1810 \$790	Fee Code 2810 \$395	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																		
Other fee (specify)																																																																																				
SUBTOTAL (2)		(4)																																																																																		

<b>SUBMITTED BY</b>		Complete (if applicable)	
Name (Print/Type)	William W. Schaal	Registration No. (Attorney/Agent)	39,018
Signature		Telephone	(714) 557-3800
		Date	06/16/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zelman (w/ 12/15/2004).  
 SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Appl. No. 09/470,100  
Amdt. Dated June 16, 2005  
Reply to Office Action of April 19, 2005

RECEIVED  
CENTRAL FAX CENTER

JUN 16 2005

**RESPONSE UNDER 37 CFR § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2614**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application. No. : 09/470,100  
Applicant : Yumiko Minikawa  
Filed : 12/21/1999  
TC/A.U. : 2614  
Examiner : James R. Sheleheda

Confirmation No. 5774

Docket No. : 080398.P274  
Customer No. : 8791

Mail Stop AF  
Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

**AMENDMENT UNDER 37 CFR § 1.116**

Sir:

In response to the Final Office Action of April 19, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.